

TABLE 15. State agency expenditures for R&D for internal performers, by state, department or agency, and source of funds: FY 2011  
(Dollars)

Department or agency	Total	Federal government	State	Other <sup>a</sup>
United States <sup>b</sup>	461,506,205	186,828,964	229,500,487	45,176,754
Alabama	14,250,319	7,901,631	2,467,546	3,881,142
Conservation and Natural Resources, Department of	1,135,367	946,839	188,528	0
Forensic Science, Department of	475,402	314,252	161,150	0
Geological Survey	3,355,833	1,566,762	1,462,260	326,811
Marine Environmental Sciences Consortium	8,996,929	5,073,778	368,820	3,554,331
Transportation, Department of	286,788	0	286,788	0
Alaska	9,004,800	2,666,300	5,842,000	496,500
Fish and Game, Department of	2,697,600	490,000	2,207,600	0
Geological and Geophysical Surveys, Division of	6,051,200	1,971,300	3,583,400	496,500
Transportation and Public Facilities, Department of	256,000	205,000	51,000	0
Arizona	7,410,362	5,628,729	1,394,851	386,782
Agriculture, Department of	0	0	0	0
Game and Fish Department	4,137,092	3,262,038	571,161	303,893
Geological Survey	1,710,870	1,316,791	311,190	82,889
Health Services, Department of	250,000	0	250,000	0
Transportation, Department of	1,312,400	1,049,900	262,500	0
Arkansas	6,077,854	462,905	133,949	5,481,000
Beef Council	0	0	0	0
Catfish Promotion Board	0	0	0	0
Corn and Grain Sorghum Promotion Board	0	0	0	0
Game and Fish Commission	116,250	12,000	104,250	0
Highway and Transportation Department	144,978	115,279	29,699	0
Rice Research and Promotion Board	2,870,000	0	0	2,870,000
Science and Technology Authority	335,626	335,626	0	0
Soybean Promotion Board	2,611,000	0	0	2,611,000
Wheat Promotion Board	0	0	0	0
California	38,369,776	4,418,000	19,933,116	14,018,660
Energy Commission	13,129,000	0	13,129,000	0
Food and Agriculture, Department of	0	0	0	0
Transportation, Department of	10,997,000	4,418,000	6,579,000	0
Water Resources, Department of	14,243,776	0	225,116	14,018,660
Colorado	6,942,978	3,083,445	3,452,847	406,686
Economic Development, Office of	0	0	0	0
Natural Resources, Department of	5,238,226	2,292,843	2,538,697	406,686
Public Health and Environment, Department of	1,500	0	1,500	0
Public Safety, Department of	890,000	140,000	750,000	0
Transportation, Department of	813,252	650,602	162,650	0
Connecticut	23,573,706	8,998,439	14,010,735	564,532
Agricultural Experiment Station	10,631,320	3,418,677	6,673,111	539,532
Environmental Protection, Department of	7,219,560	2,884,651	4,334,909	0
Mental Health and Addiction Services, Department of	3,043,830	1,537,463	1,506,367	0
Public Health, Department of	258,906	5,000	228,906	25,000
Transportation, Department of	2,420,090	1,152,648	1,267,442	0
Delaware	2,049,018	411,848	1,637,170	0
Geological Survey	1,663,179	219,709	1,443,470	0
Natural Resources and Environmental Control, Department of	385,839	192,139	193,700	0
Transportation, Department of	0	0	0	0
District of Columbia	220,886	206,508	14,378	0
Health, Department of	148,997	148,997	0	0
Transportation, Department of	71,889	57,511	14,378	0

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Florida	48,327,623	16,915,588	29,992,602	1,419,433
Agriculture and Consumer Services, Department of	3,029,030	1,687,215	1,341,815	0
Citrus, Department of	254,000	0	254,000	0
Environmental Protection, Department of	2,015,890	271,398	1,701,934	42,558
Fish and Wildlife Conservation Commission	43,028,703	14,956,975	26,694,853	1,376,875
Health, Department of	0	0	0	0
Space	0	0	0	0
Transportation, Department of	0	0	0	0
Georgia	3,600,000	0	0	3,600,000
Herty Advanced Materials Development Center	3,600,000	0	0	3,600,000
Transportation, Department of	0	0	0	0
Hawaii	3,667,047	2,392,388	1,187,251	87,408
Agriculture, Department of	384,151	54,971	321,280	7,900
Business, Economic Development and Tourism, Department of	430,459	430,459	0	0
Land and Natural Resources, Department of	2,360,494	1,882,219	398,767	79,508
Transportation, Department of	491,943	24,739	467,204	0
Idaho	4,430,450	2,942,905	1,181,599	305,946
Barley Commission	50,039	0	0	50,039
Bean Commission	0	0	0	0
Environmental Quality, Department of	3,005	3,005	0	0
Fish and Game, Department of	3,636,677	2,708,697	732,073	195,907
Potato Commission	60,000	0	0	60,000
Transportation, Department of	170,629	136,503	34,126	0
Water Resources, Department of	510,100	94,700	415,400	0
Wheat Commission	0	0	0	0
Illinois	2,049,697	1,158,450	891,247	0
Children and Family Services, Department of	0	0	0	0
Public Health, Department of	0	0	0	0
State Police	558,641	2,520	556,121	0
Transportation, Department of	1,491,056	1,155,930	335,126	0
Indiana	975,000	680,000	295,000	0
Criminal Justice Institute	200,000	200,000	0	0
Economic Development Corporation	0	0	0	0
Natural Resources, Department of	300,000	100,000	200,000	0
Transportation, Department of	475,000	380,000	95,000	0
Iowa	1,260,999	199,146	807,721	254,132
College Student Aid Commission	92,753	92,753	0	0
Criminal and Juvenile Justice Programs, Division of	20,246	8,393	7,721	4,132
Economic Development Authority, Energy Office	0	0	0	0
Natural Resources, Department of	0	0	0	0
Transportation, Department of	550,000	0	550,000	0
Workforce Development	598,000	98,000	250,000	250,000
Kansas	1,501,433	930,106	571,327	0
Transportation, Department of	1,436,433	880,106	556,327	0
Wheat Commission	0	0	0	0
Wildlife, Parks, and Tourism, Department of	65,000	50,000	15,000	0
Kentucky	2,137,354	1,380,967	756,387	0
Agricultural Policy, Governor's Office of	0	0	0	0
Budget and Fiscal Management, Office of	0	0	0	0
Commercialization and Innovation, Department of	100,000	0	100,000	0
Early Childhood Development, Division of	291,000	291,000	0	0
Energy Policy, Governor's Office for	0	0	0	0
Environmental Education Council	0	0	0	0

TABLE 15. State agency expenditures for R&D for internal performers, by state, department or agency, and source of funds: FY 2011  
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Department or agency	Total	Federal government	State	Other <sup>a</sup>
Fish and Wildlife Resources, Department of	1,727,854	1,079,842	648,012	0
Nature Preserves Commission	18,500	10,125	8,375	0
Public Health, Department of	0	0	0	0
Louisiana	7,253,894	4,346,033	2,721,138	186,723
Transportation and Development, Department of	5,137,074	3,512,763	1,459,180	165,131
Wildlife and Fisheries, Department of	2,116,820	833,270	1,261,958	21,592
Maine	1,883,123	1,128,981	657,494	96,648
Agriculture, Department of	0	0	0	0
Conservation, Department of	380,000	120,000	250,000	10,000
Drug Enforcement Agency	0	0	0	0
Environmental Protection, Department of	150,000	0	150,000	0
Marine Resources, Department of	1,070,689	785,434	198,607	86,648
State Fire Marshal's Office	3,000	0	3,000	0
Technology Institute	0	0	0	0
Transportation, Department of	279,434	223,547	55,887	0
Maryland	1,928,700	436,000	1,474,000	18,700
Business and Economic Development, Department of	1,300,000	0	1,300,000	0
Health and Mental Hygiene, Department of	0	0	0	0
Natural Resources, Department of	83,700	0	65,000	18,700
Technology Development Corporation	0	0	0	0
Transportation, Department of	545,000	436,000	109,000	0
Massachusetts	785,738	111,033	516,888	157,817
Capital Asset Management, Division of	0	0	0	0
Early Education and Care, Department of	0	0	0	0
Environmental Protection, Department of	168,147	12,033	156,114	0
Fish and Game, Department of	483,482	99,000	226,665	157,817
Mental Health, Department of	134,109	0	134,109	0
Public Health, Department of	0	0	0	0
Transportation Planning, Office of	0	0	0	0
Michigan	1,509,097	913,168	595,929	0
Agriculture, Department of	0	0	0	0
Natural Resources, Department of	1,484,097	913,168	570,929	0
Transportation, Department of	25,000	0	25,000	0
Minnesota	1,509,585	596,480	296,700	616,405
Agriculture, Department of	782,000	592,000	190,000	0
Forest Resources Council	40,000	0	40,000	0
Pollution Control Agency	0	0	0	0
Transportation, Department of	687,585	4,480	66,700	616,405
Mississippi	4,028,133	2,887,053	1,141,080	0
Innovative Geospatial Solutions, Enterprise for	979,000	565,000	414,000	0
Transportation, Department of	704,052	563,242	140,810	0
Wildlife, Fisheries, and Parks, Department of	2,345,081	1,758,811	586,270	0
Missouri	7,546,964	679,975	6,802,036	64,953
Agriculture, Department of	0	0	0	0
Conservation, Department of	6,470,271	5,195	6,465,076	0
Natural Resources, Department of	158,278	47,659	45,666	64,953
Transportation, Department of	918,415	627,121	291,294	0
Montana	1,694,519	1,331,450	323,069	40,000
Agriculture, Department of	0	0	0	0
Commerce, Department of	0	0	0	0
Environmental Quality, Department of	87,031	53,572	33,459	0
Fish, Wildlife, and Parks	1,365,003	1,083,890	241,113	40,000

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Department or agency	Total	Federal government	State	Other <sup>a</sup>
Natural Resources and Conservation, Department of	0	0	0	0
Transportation, Department of	242,485	193,988	48,497	0
Nebraska	320,392	0	179,172	141,220
Agriculture, Department of	0	0	0	0
Corn Board	0	0	0	0
Dry Bean Commission	141,220	0	0	141,220
Grain Sorghum Board	0	0	0	0
Natural Resources, Department of	175,172	0	175,172	0
Roads, Department of	0	0	0	0
Wheat Board	4,000	0	4,000	0
Nevada	428,607	49,223	379,384	0
Transportation, Department of	362,976	0	362,976	0
Wildlife, Department of	65,631	49,223	16,408	0
New Hampshire	591,869	290,409	301,460	0
Agriculture, Markets, and Food, Department of	0	0	0	0
Resources and Economic Development, Department of	184,000	111,000	73,000	0
Transportation, Department of	407,869	179,409	228,460	0
New Jersey	2,980,802	904,212	2,076,590	0
Brain Injury Research, Commission on	132,172	0	132,172	0
Cancer Research, Commission on	0	0	0	0
Environmental Protection, Department of	1,460,400	122,000	1,338,400	0
Research and Treatment of Autism, Council for	320,180	0	320,180	0
Spinal Cord Research, Commission on	180,838	0	180,838	0
Transportation, Department of	887,212	782,212	105,000	0
New Mexico	494,193	395,354	98,839	0
Transportation, Department of	494,193	395,354	98,839	0
New York	108,093,556	34,624,354	71,989,410	1,479,792
Agriculture and Markets, Department of	2,775,000	2,775,000	0	0
Energy Research and Development Authority	11,551,001	0	11,551,001	0
Environmental Conservation, Department of	963,959	382,040	581,919	0
Foundation for Science, Technology and Innovation	47,400,000	5,400,000	42,000,000	0
Health, Department of	42,914,417	24,075,971	17,358,654	1,479,792
Transportation, Department of	2,489,179	1,991,343	497,836	0
North Carolina	19,478,718	2,365,444	13,727,698	3,385,576
Agriculture and Consumer Services, Department of	12,773,500	0	10,209,680	2,563,820
Environment and Natural Resources, Department of	3,527,218	735,444	2,758,018	33,756
Transportation, Department of	3,178,000	1,630,000	760,000	788,000
North Dakota	366,294	61,823	304,471	0
Agriculture, Department of	0	0	0	0
Lignite Research Council	141,250	0	141,250	0
Mineral Resources, Department of	73,500	0	73,500	0
Oil and Gas Research Program	44,265	0	44,265	0
Renewable Energy Research Program	30,000	0	30,000	0
Soybean Council	0	0	0	0
Transportation, Department of	77,279	61,823	15,456	0
Wheat Commission	0	0	0	0
Ohio	2,645,393	1,080,159	1,565,234	0
Air Quality Development Authority	0	0	0	0
Development, Department of	0	0	0	0
Mental Health, Department of	490,000	300,000	190,000	0
Natural Resources, Department of	1,944,556	780,159	1,164,397	0
Transportation, Department of	210,837	0	210,837	0

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Oklahoma	9,850	0	9,850	0
Center for the Advancement of Science and Technology	0	0	0	0
Health, Department of	9,850	0	9,850	0
Sorghum Commission	0	0	0	0
Transportation, Department of	0	0	0	0
Wheat Commission	0	0	0	0
Wildlife Conservation, Department of	0	0	0	0
Oregon	17,063,005	13,193,665	1,418,727	2,450,613
Agriculture, Department of	0	0	0	0
Fish and Wildlife, Department of	11,266,000	10,698,000	568,000	0
Forestry, Department of	107,203	9,039	84,793	13,371
Geology and Mineral Industries, Department of	4,803,055	2,010,995	354,818	2,437,242
Transportation, Department of	806,249	475,631	330,618	0
Watershed Enhancement Board	80,498	0	80,498	0
Pennsylvania	5,826,832	2,411,671	3,415,161	0
Agriculture, Department of	0	0	0	0
Community and Economic Development, Department of	0	0	0	0
Conservation and Natural Resources, Department of	1,594,754	126,662	1,468,092	0
Environmental Protection, Department of	215,631	145,197	70,434	0
Fish and Boat Commission	694,905	521,179	173,726	0
Game Commission	2,780,122	1,185,497	1,594,625	0
Health, Department of	0	0	0	0
Transportation, Department of	541,420	433,136	108,284	0
Rhode Island	80,000	64,000	16,000	0
Economic Development Corporation	0	0	0	0
Transportation, Department of	80,000	64,000	16,000	0
South Carolina	42,532,704	32,831,302	8,201,402	1,500,000
Health and Environmental Control, Department of	721,804	721,804	0	0
Mental Health, Department of	21,450	0	21,450	0
Natural Resources, Department of	41,391,567	31,913,254	7,978,313	1,500,000
Public Service Authority	0	0	0	0
Sea Grant Consortium	354,215	160,000	194,215	0
Transportation, Department of	43,668	36,244	7,424	0
South Dakota	652,055	521,644	130,411	0
Game, Fish and Parks, Department of	0	0	0	0
Transportation, Department of	652,055	521,644	130,411	0
Tennessee	20,000	20,000	0	0
Environment and Conservation, Department of	20,000	20,000	0	0
Transportation, Department of	0	0	0	0
Texas	9,823,374	2,154,344	7,669,030	0
Agriculture, Department of	0	0	0	0
Cancer Prevention and Research Institute	7,014,052	0	7,014,052	0
Environmental Quality, Commission on	0	0	0	0
Health and Human Services Commission	123,000	74,000	49,000	0
Parks and Wildlife, Department of	1,140,319	845,424	294,895	0
Transportation, Department of	1,546,003	1,234,920	311,083	0
Water Development Board	0	0	0	0
Utah	10,361,727	5,411,727	3,450,000	1,500,000
Health, Department of	261,727	261,727	0	0
Natural Resources, Department of	8,000,000	4,000,000	2,500,000	1,500,000
Science Technology and Research, Governor's Office of Economic Development	0	0	0	0
Transportation, Department of	2,100,000	1,150,000	950,000	0

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Vermont	1,543,503	1,043,904	499,599	0
Agriculture, Agency of	1,027,700	577,700	450,000	0
Human Services, Agency of	190,117	190,117	0	0
Transportation, Agency of	325,686	276,087	49,599	0
Virginia	6,567,645	3,421,383	3,106,790	39,472
Agriculture and Consumer Services, Department of	0	0	0	0
Consolidated Lab Services, Division of	614,808	614,808	0	0
Corrections, Department of	919,542	0	919,542	0
Forensic Science, Department of	160,439	4,439	156,000	0
Health, Department of	27,900	27,900	0	0
Innovative Technology, Center for	320,000	320,000	0	0
Marine Resources Commission	0	0	0	0
Natural History, Museum of	569,120	18,629	511,019	39,472
Transportation, Department of	3,955,836	2,435,607	1,520,229	0
Washington	10,245,788	4,741,427	3,903,373	1,600,988
Agriculture, Department of	0	0	0	0
Fish and Wildlife, Department of	7,128,911	3,273,360	2,590,263	1,265,288
Grain Commission	0	0	0	0
Natural Resources, Department of	1,409,200	310,900	902,300	196,000
Potato Commission	49,700	0	0	49,700
Red Raspberry Commission	0	0	0	0
Transportation, Department of	1,522,977	1,157,167	365,810	0
Tree Fruit Research Commission	135,000	0	45,000	90,000
Wine Commission	0	0	0	0
West Virginia	8,130,744	3,702,157	3,741,385	687,202
Agriculture, Department of	151,428	151,428	0	0
Environmental Protection, Department of	507,010	13,694	211,631	281,685
Geological and Economic Survey	3,274,416	719,602	2,399,297	155,517
Higher Education Policy Commission	851,217	391,438	459,779	0
Highways, Department of	2,508,425	1,894,146	364,279	250,000
Justice and Community Services, Division of	10,113	2,442	7,671	0
Natural Resources, Division of	828,135	529,407	298,728	0
Wisconsin	6,126,083	4,499,232	1,318,427	308,424
Agriculture, Trade, and Consumer Protection, Department of	93,569	58,845	34,724	0
Economic Development Corporation	0	0	0	0
Natural Resources, Department of	5,716,730	4,187,760	1,220,546	308,424
Transportation, Department of	315,784	252,627	63,157	0
Wyoming	3,134,016	234,002	2,900,014	0
Agriculture, Department of	0	0	0	0
Environmental Quality, Department of	0	0	0	0
Game and Fish, Department of	561,483	234,002	327,481	0
Geological Survey	2,200,141	0	2,200,141	0
Transportation, Department of	372,392	0	372,392	0
Water Development Office	0	0	0	0
Puerto Rico <sup>c</sup>	400,000	0	400,000	0
Education Council	400,000	0	400,000	0

<sup>a</sup> Other includes nonprofit organizations, other state governments, and city, county, regional, township, or other local governments.

<sup>b</sup> U.S. total reflects all 50 states and the District of Columbia.

<sup>c</sup> Puerto Rico is not included in U.S. total due to its classification as a U.S. territory.

NOTE: Internal performers include employees within the same state department or agency in support of an internal R&D project.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, FY 2010 and FY 2011 Survey of State Government R&D.